



my API story

tmforum
code +
frameworks

RAPIDLY GENERATING
SOFTWARE COMPONENTS

“ We’ve seen a 70% reduction in development, implementation, and documentation times compared to previous product rollout cycles. ”

Roy Kucukates
Director of Product Management
LotusFlare

Tell us about yourself and your job

As LotusFlare’s Director of Product Management and a certified business and enterprise architect, I lead the product management team advancing LotusFlare DNO Cloud, our cloud-native commerce and monetization service. We focus on improving its capabilities to help CSPs deliver valuable outcomes to their customers.

Why do you believe in TM Forum’s Open API program?

At LotusFlare, we believe in simplifying user experiences through technology. TM Forum’s Open APIs align with our philosophy, guiding our efforts as we advance LotusFlare DNO Cloud. This synergy fuels our strong support and contributions to the Open API program.

What TM Forum Open APIs are most valuable to your company?

LotusFlare has undertaken a staged transformation of the LotusFlare DNO Cloud, aligning it to TM Forum’s Open APIs and Open Digital Architecture (ODA). We utilize many of the published APIs, including:

- Account Management
- Customer Bill Management
- Customer Management
- Digital Identity Management
- Party Management
- Party Role Management
- Payment Management
- Payment Method Management
- Product Catalog Management
- Product Configuration Management
- Product Inventory Management
- Product Offering Qualification Management
- Product Ordering Management
- Quote Management
- Shopping Cart Management
- User Role Permission Management

Where do you use these APIs?

We are using TM Forum Open APIs on the next release of LotusFlare DNO Cloud, which will be made available to existing and new customers worldwide.

Why did you choose to highlight those APIs?

Complying with ODA specifications and using TM Forum’s Open APIs allows rapid deployment, simplifying architecture, and supporting interoperability within diverse ecosystems.

How do you use those APIs?

We utilize Swagger files for rapid Open API source code generation, before we integrate business logic through a customizable low code – no code framework. Finally, our team uses the conformance guidelines documentation to generate test cases for our APIs.

By using all available machine-readable documentation, our team can build software in an automated way. This approach, combining code generation and the reuse of existing documentation, has resulted in a remarkable reduction of approximately 70% in development, implementation, and documentation times compared to previous product rollout cycles.

How have you benefited from using those APIs?

LotusFlare has benefited from the APIs in 3 ways:

- Streamlined Business Analysis: Utilizing API specifications as requirements streamlines business analysis, reducing time and effort. API documentation and specifications helps us to understand industry demands.
- Accelerated Development: Generating source code from Swagger files accelerates development, minimizing time and software bugs.
- Conformance and reliability: Employing conformance test kits aids in creating automated test cases, ensuring every feature aligns with Open API standards.

To learn more about LotusFlare visit:
www.lotusflare.com

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